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FIG. 1

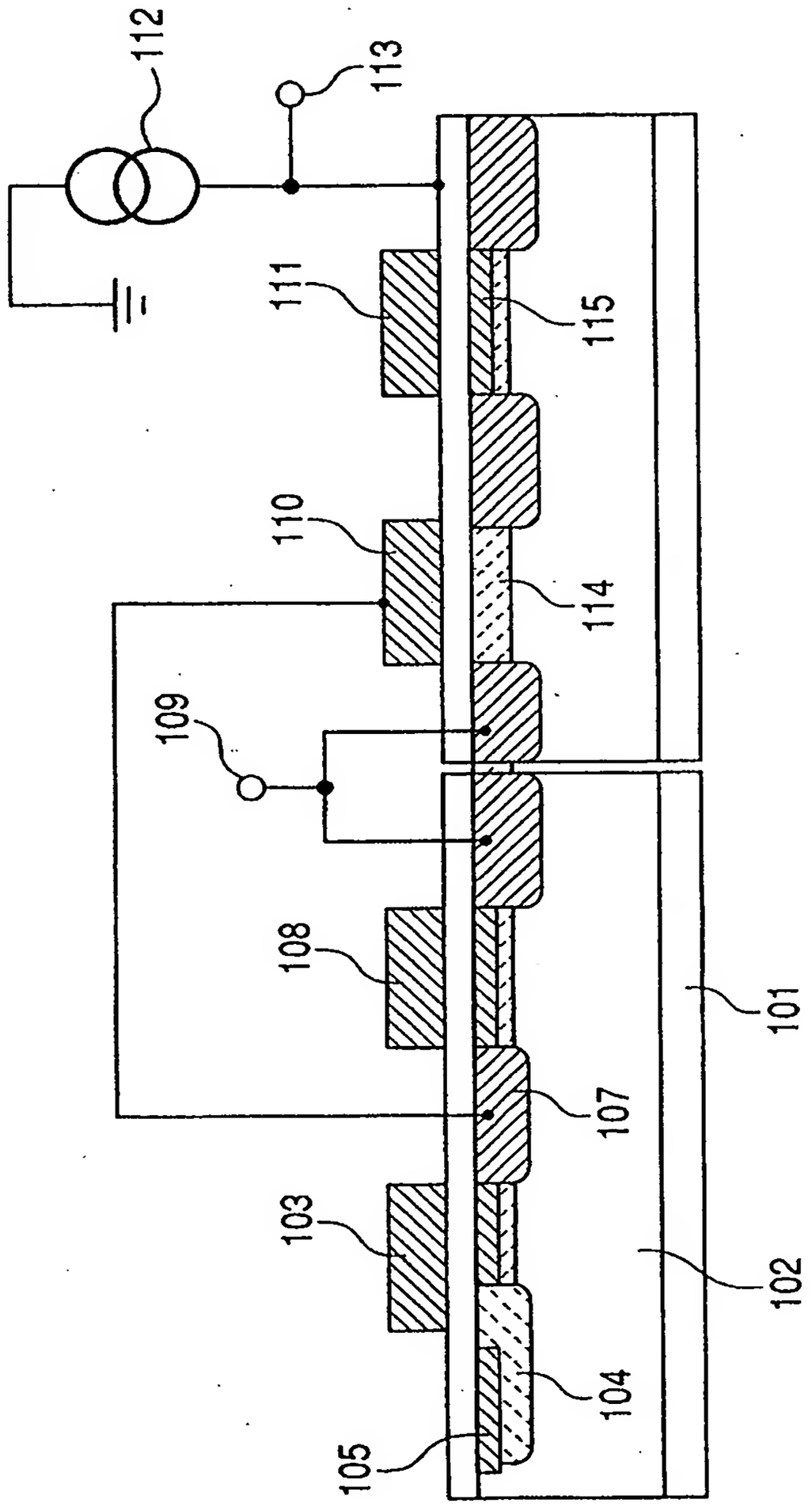

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FIG. 2A

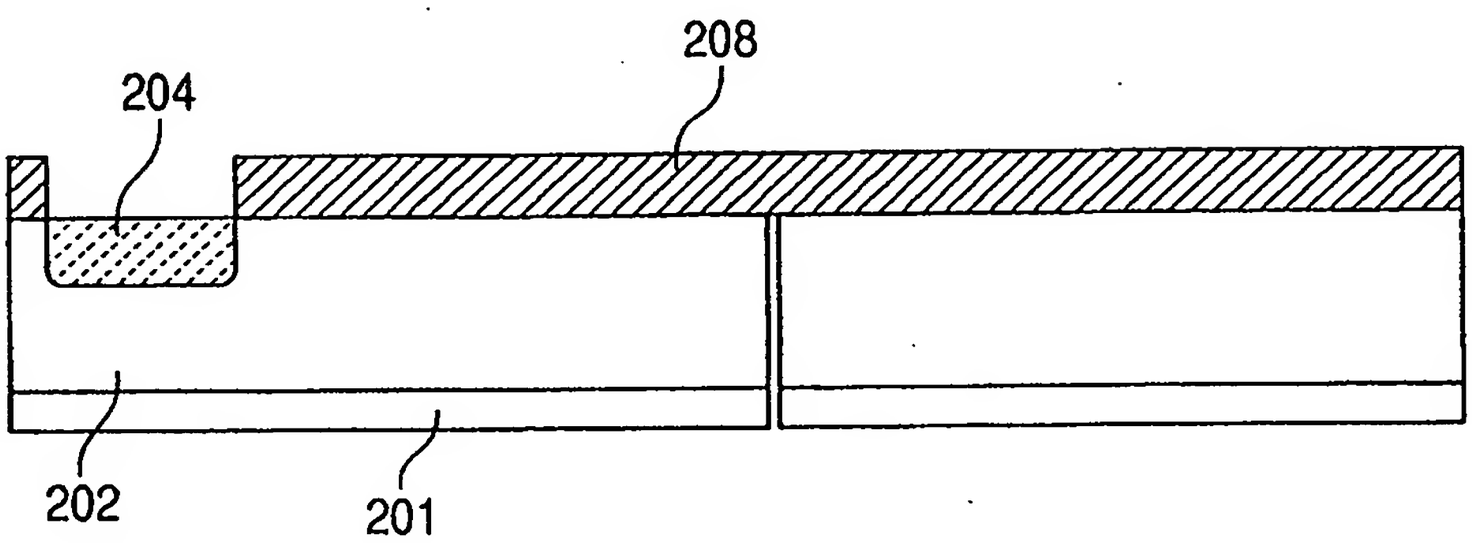

FIG. 2B

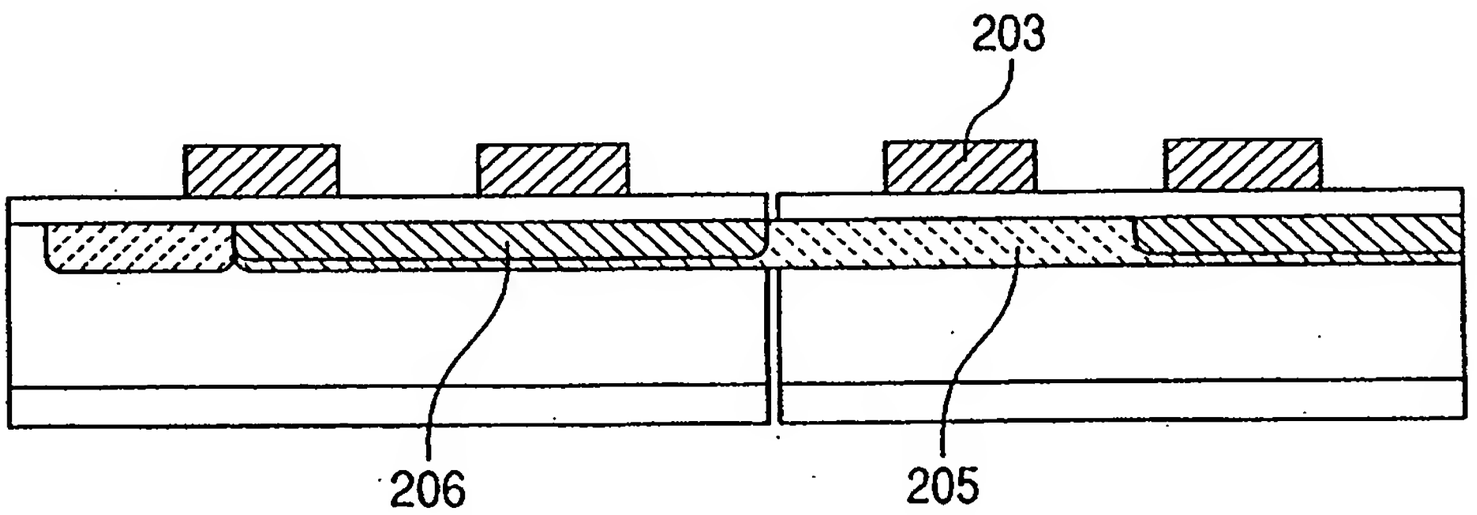

FIG. 2C

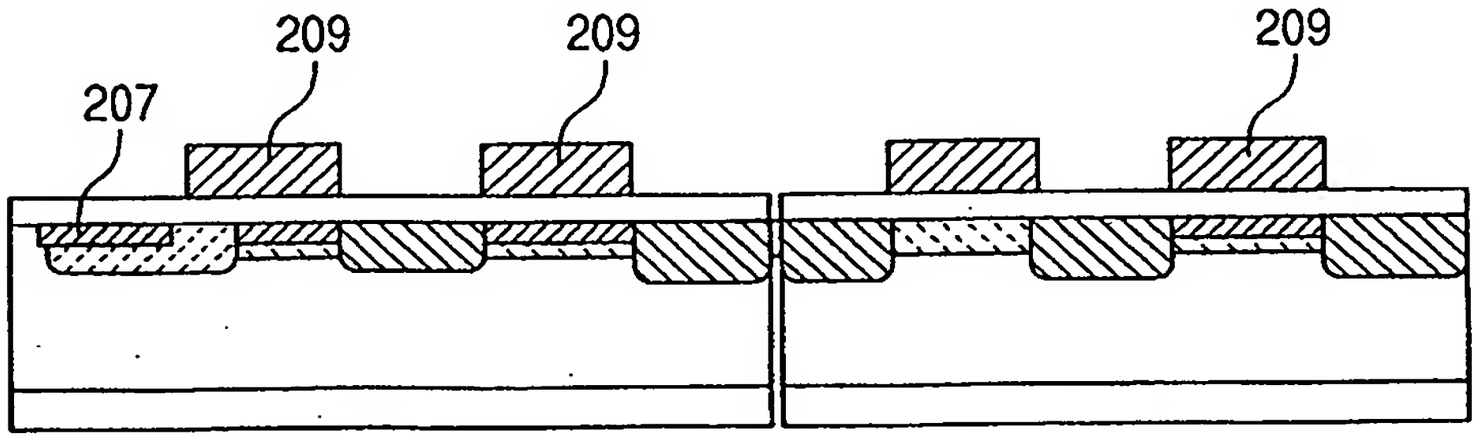

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FIG. 3

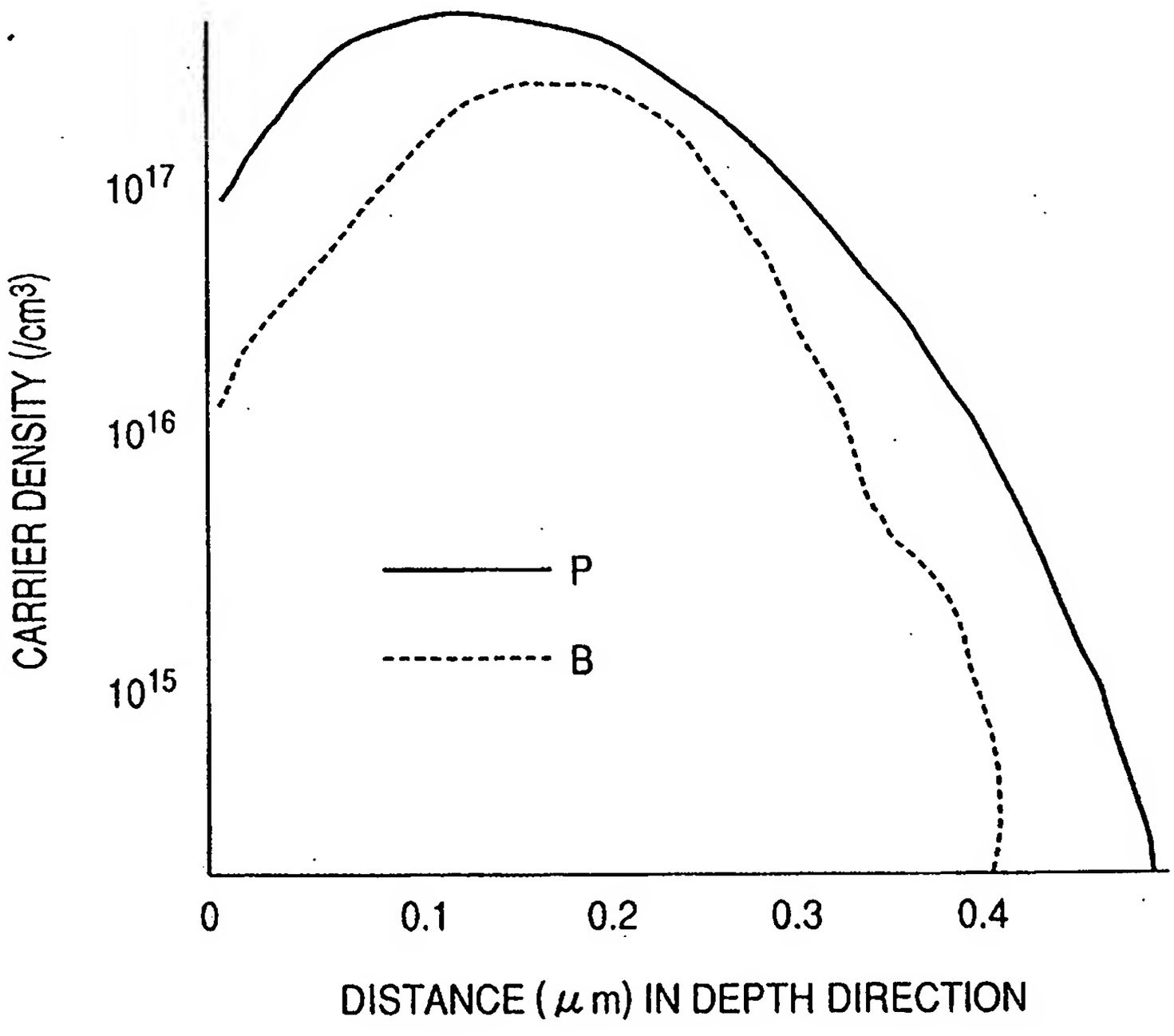

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FIG. 4A

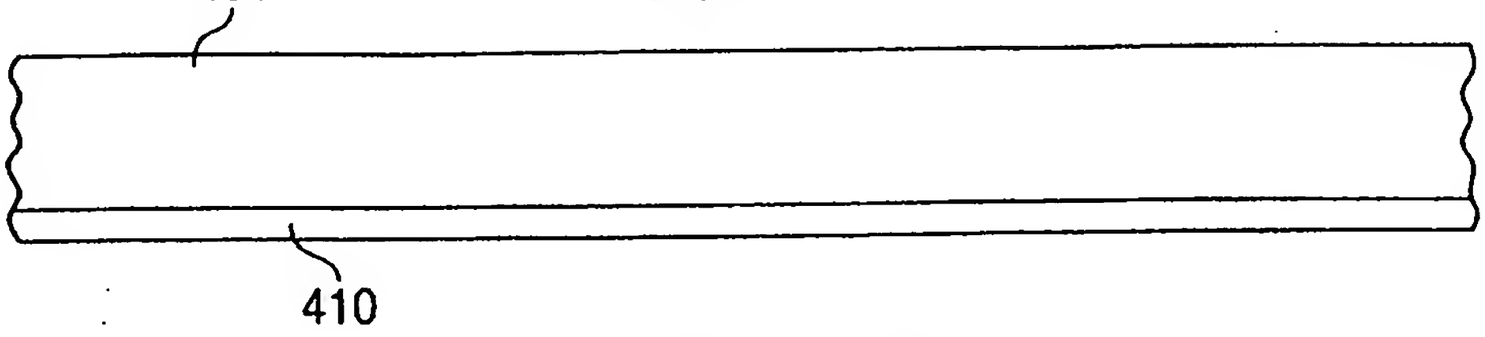

FIG. 4B

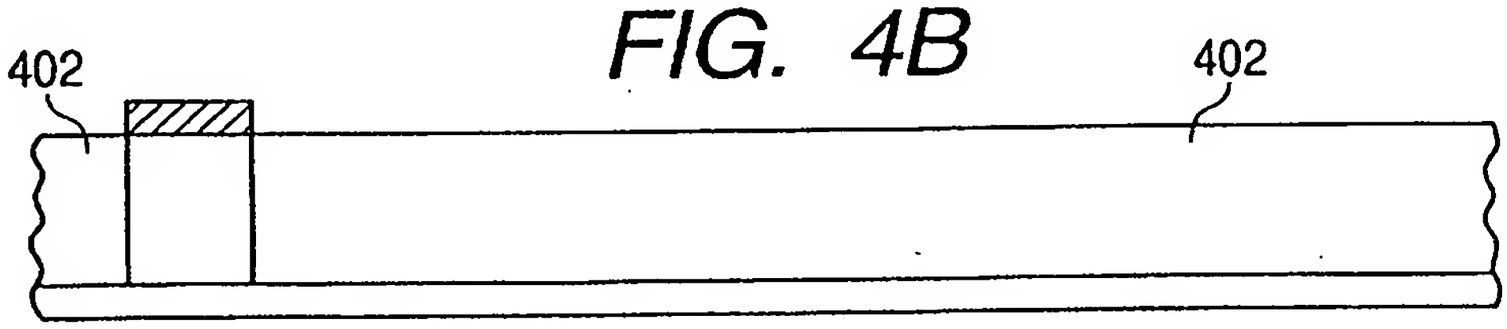

FIG. 4C

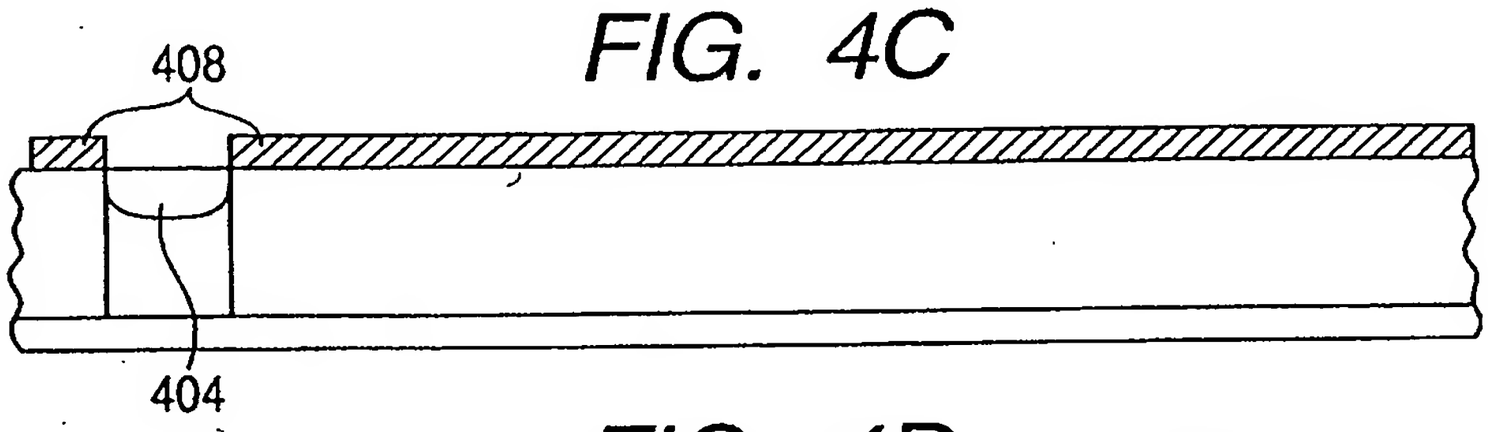

FIG. 4D

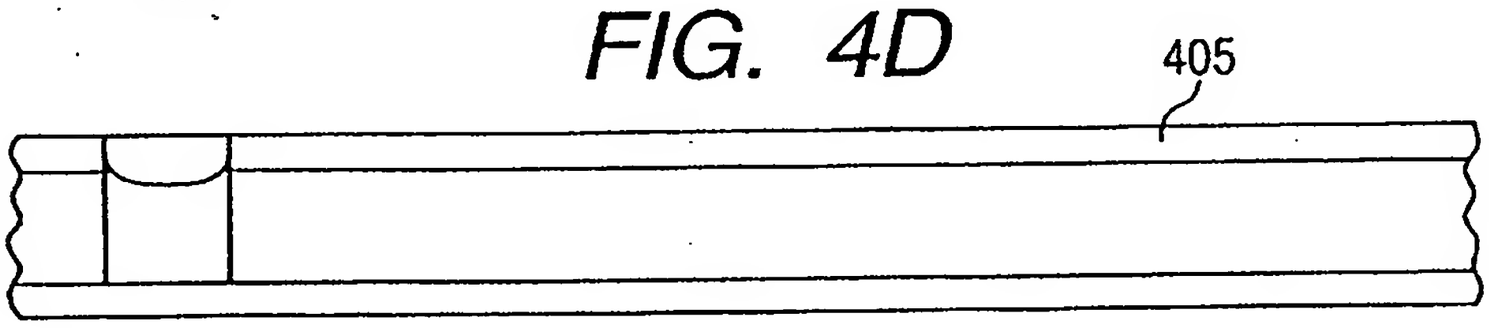

FIG. 4E

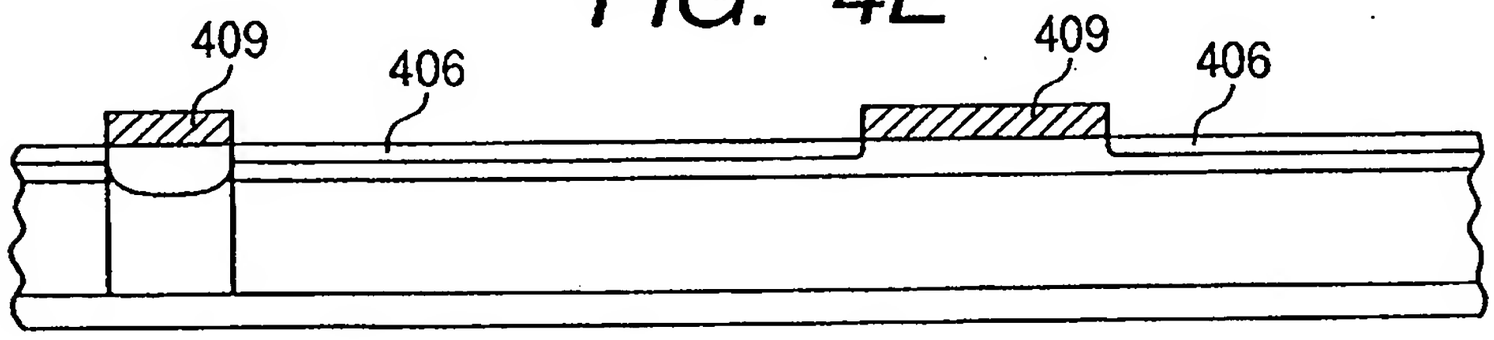

FIG. 4F

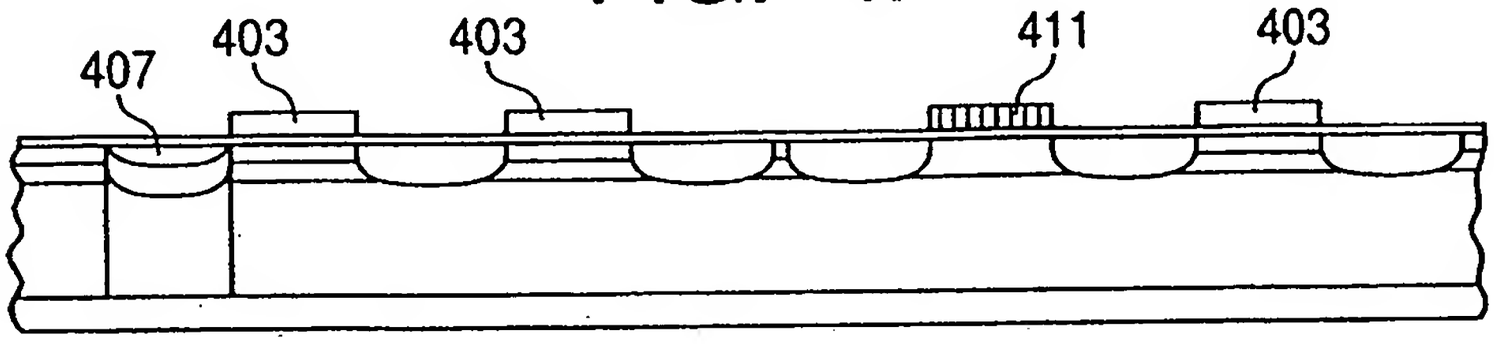

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FIG. 5

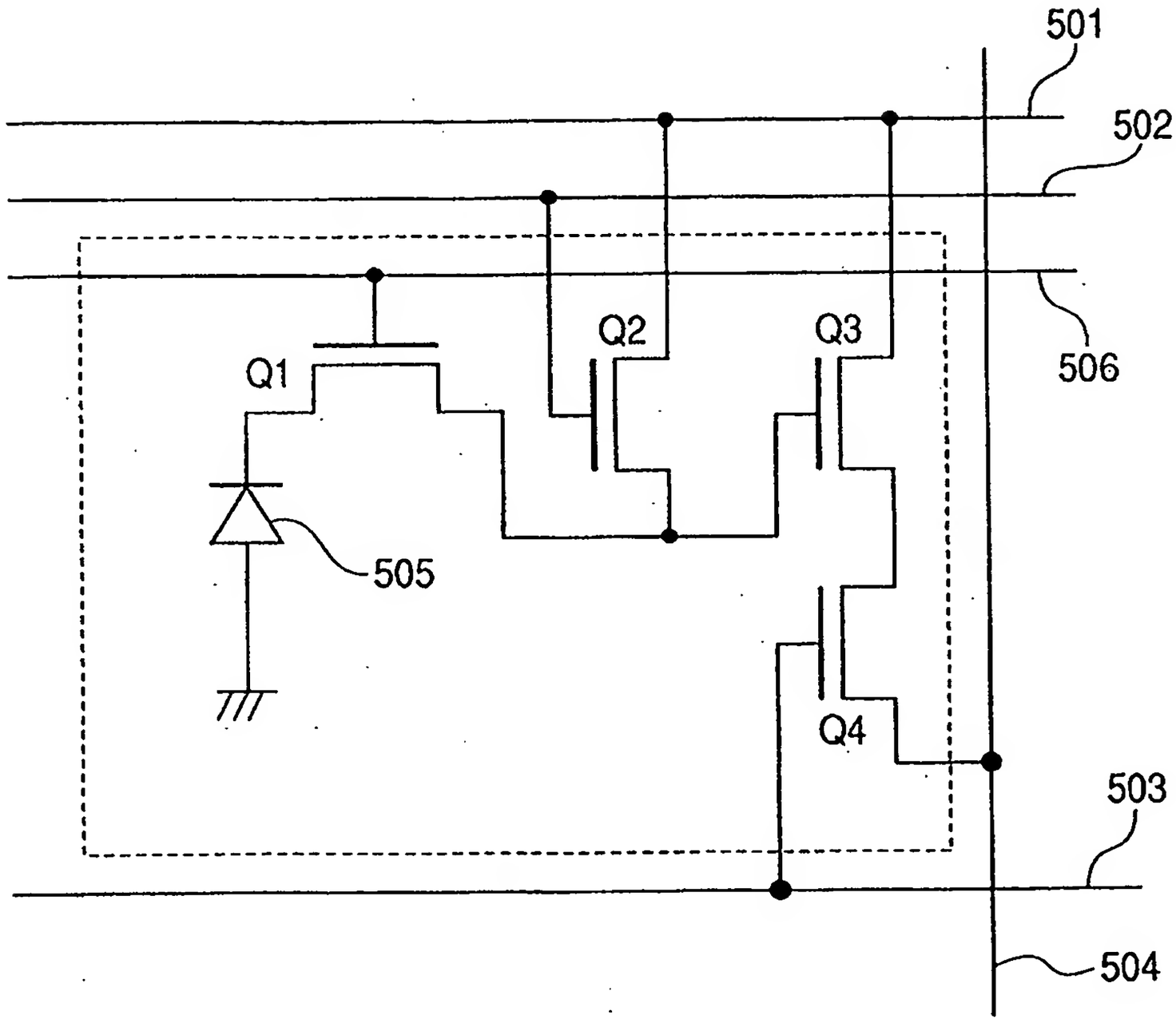

FIG. 6

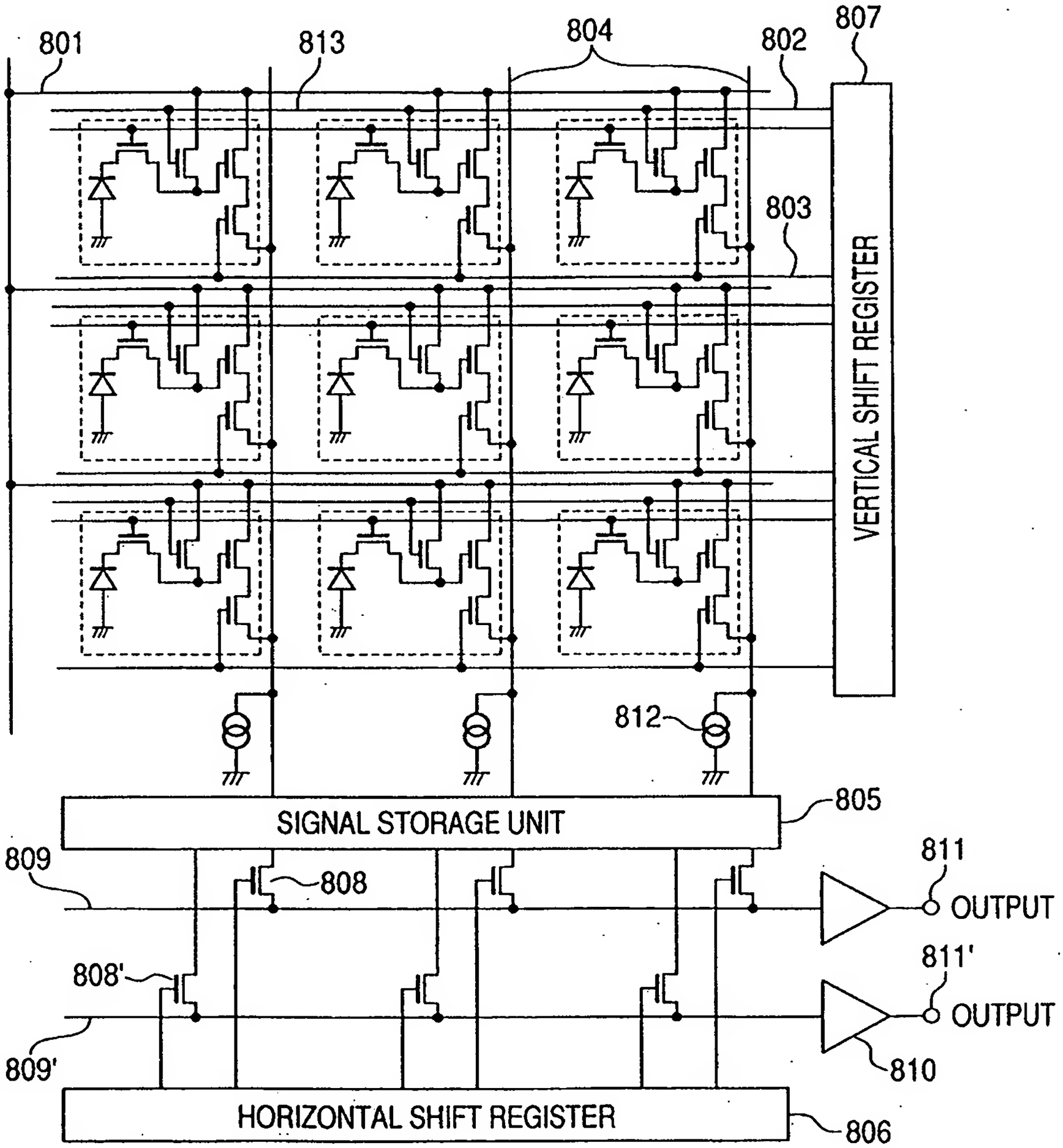
801
813
804
802
807
803
VERTICAL SHIFT REGISTER
812
805
SIGNAL STORAGE UNIT
809
808
811
OUTPUT
808'
811'
OUTPUT
809'
810
HORIZONTAL SHIFT REGISTER
806

FIG. 7

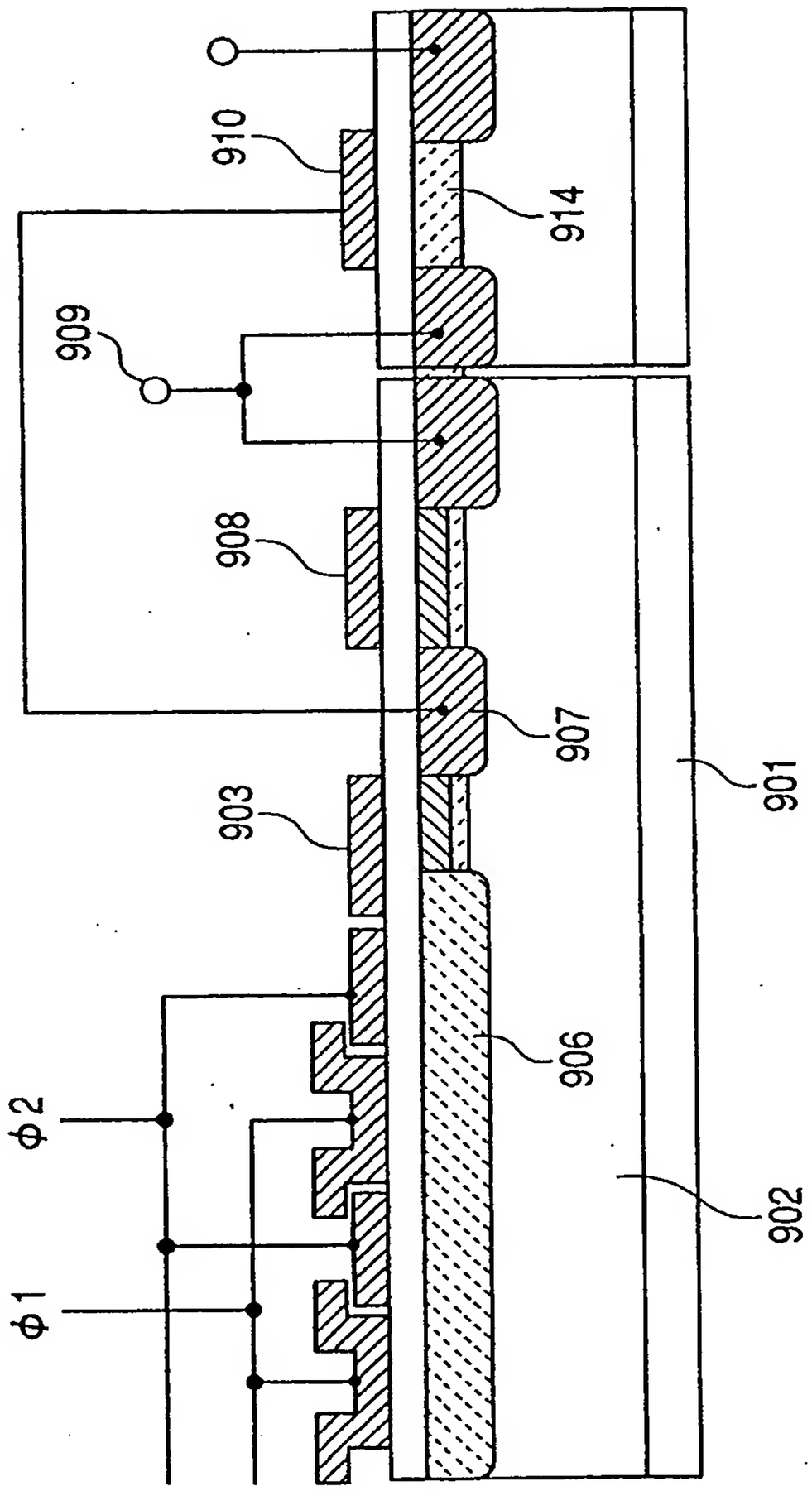

FIG. 8

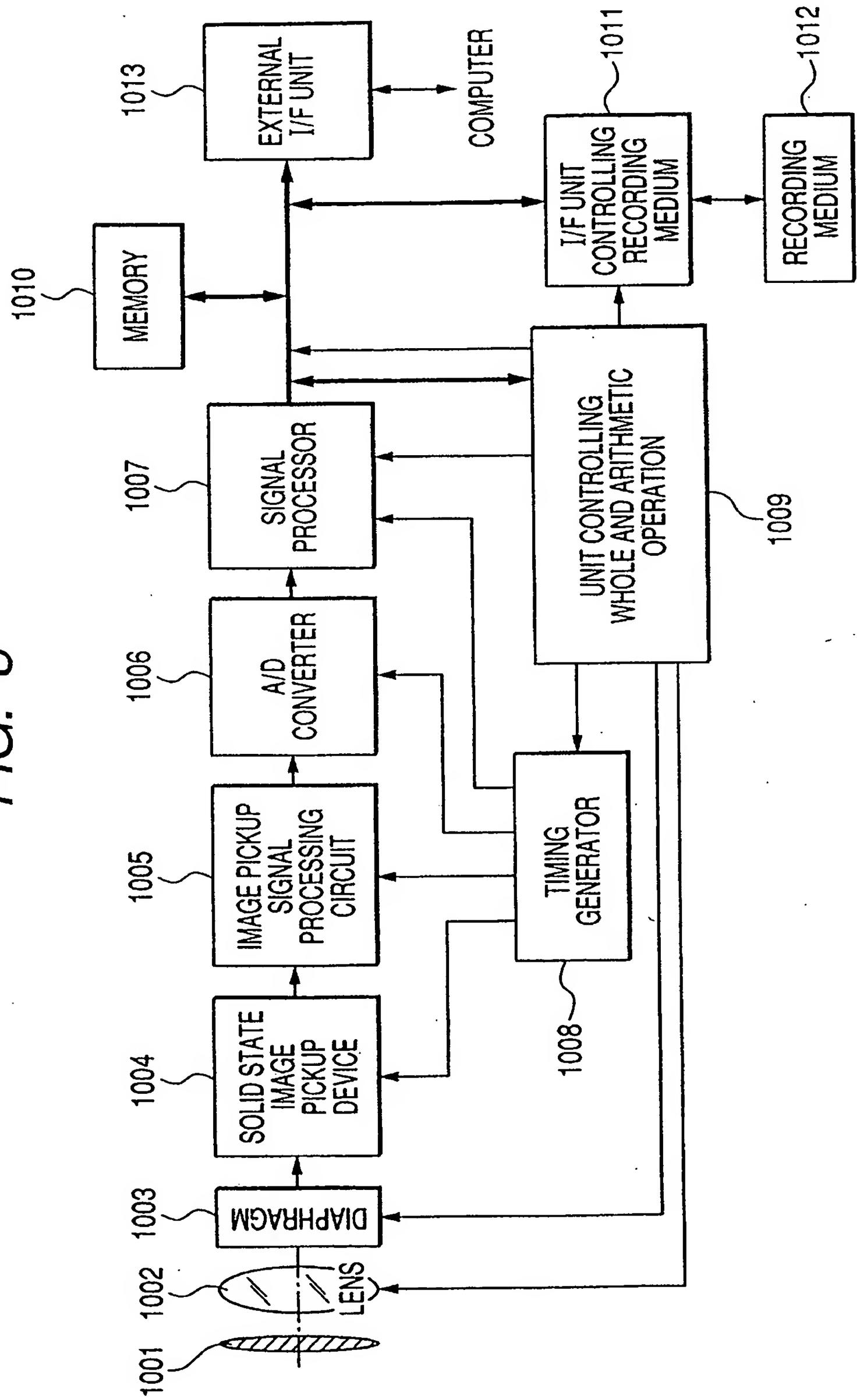
1013
EXTERNAL I/F UNIT
COMPUTER
1011
I/F UNIT CONTROLLING RECORDING MEDIUM
1012
RECORDING MEDIUM
1010
MEMORY
1007
SIGNAL PROCESSOR
1006
A/D CONVERTER
UNIT CONTROLLING WHOLE AND ARITHMETIC OPERATION
1009
1005
IMAGE PICKUP SIGNAL PROCESSING CIRCUIT
TIMING GENERATOR
1008
1004
SOLID STATE IMAGE PICKUP DEVICE
1003
DIAPHRAGM
1002
LENS
1001

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FIG. 9A

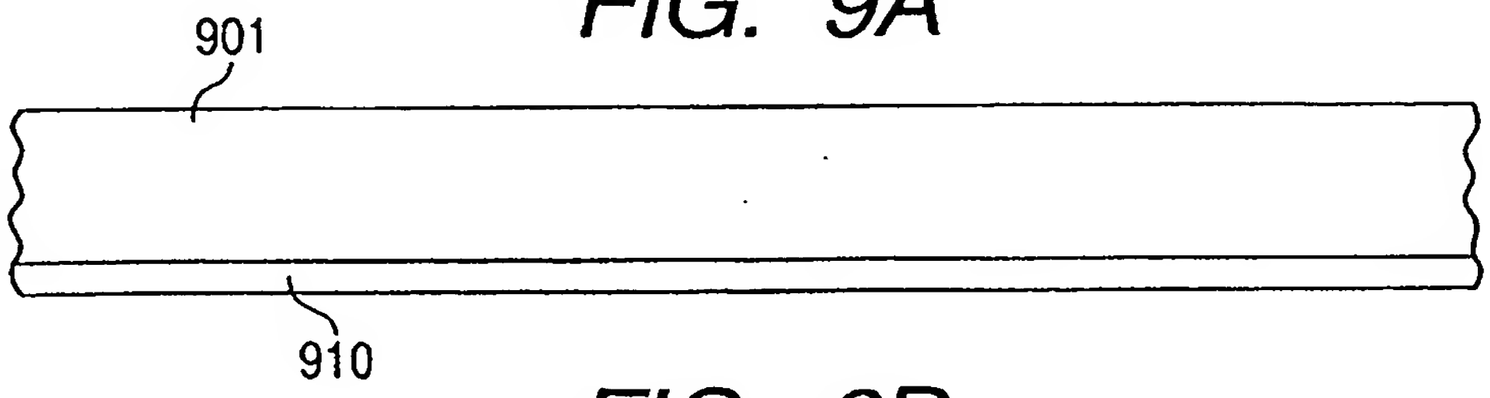

FIG. 9B

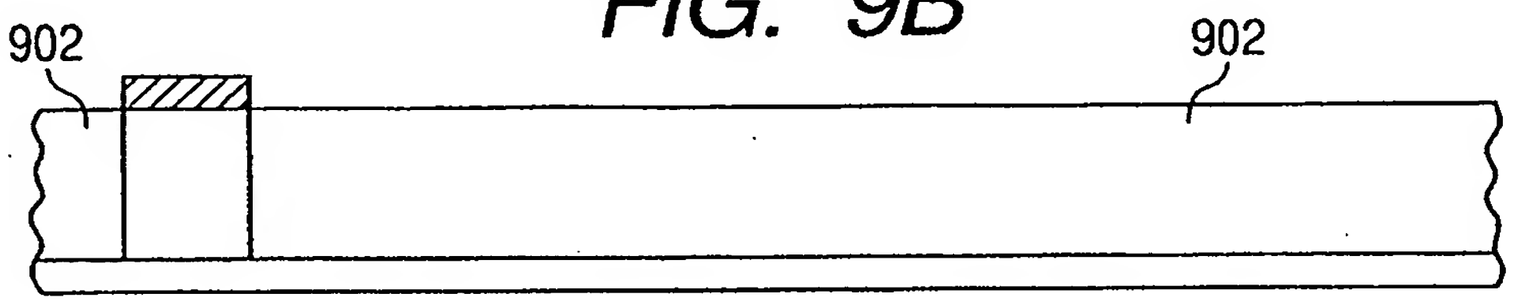

FIG. 9C

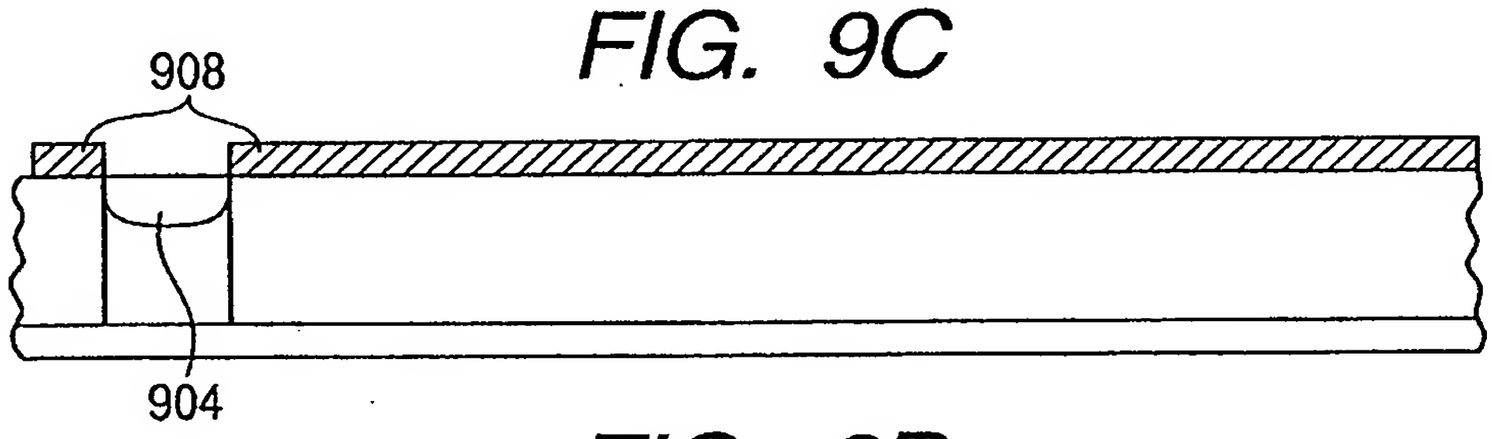

FIG. 9D

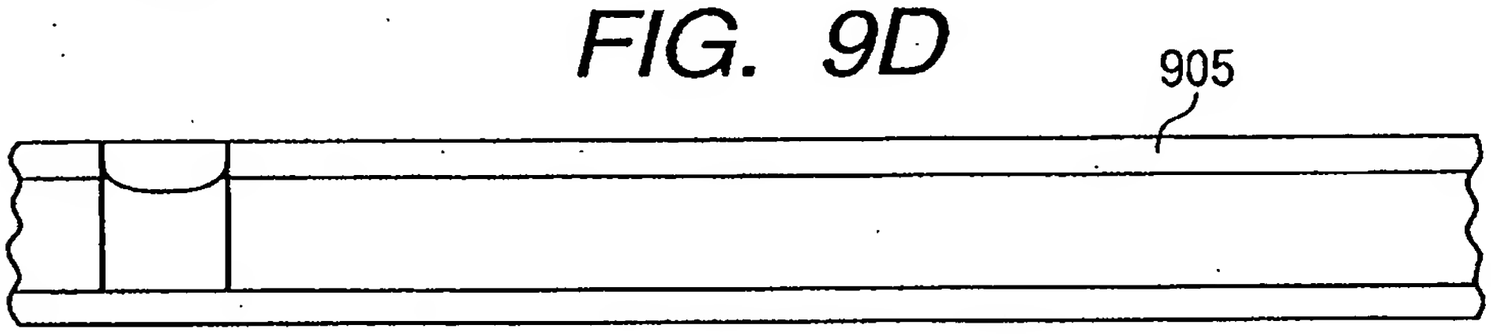

FIG. 9E

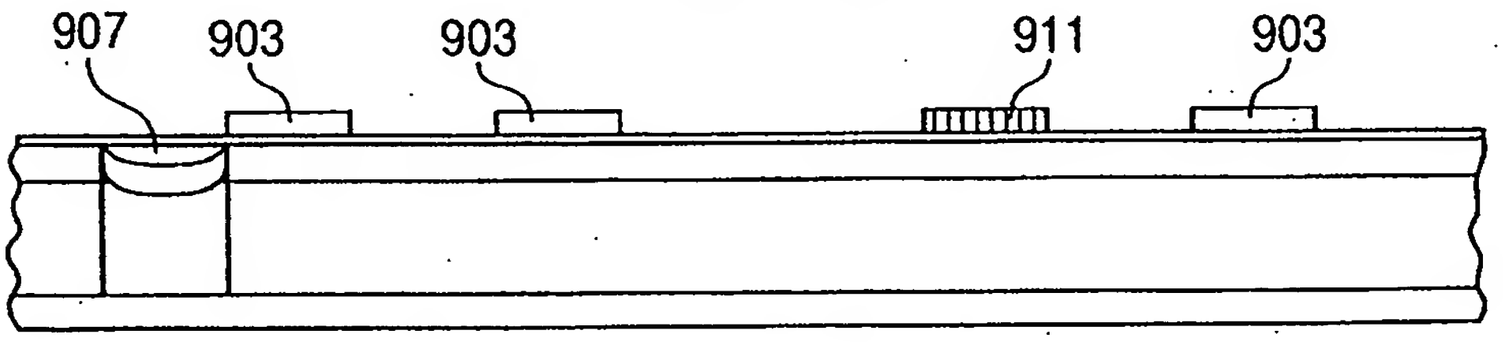

FIG. 9F